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INSULATOR WAP promoter INTRON Enhancer 1 Foreign gene or cDNA Enhancer 2 TERMINATOR

FIGURE 1

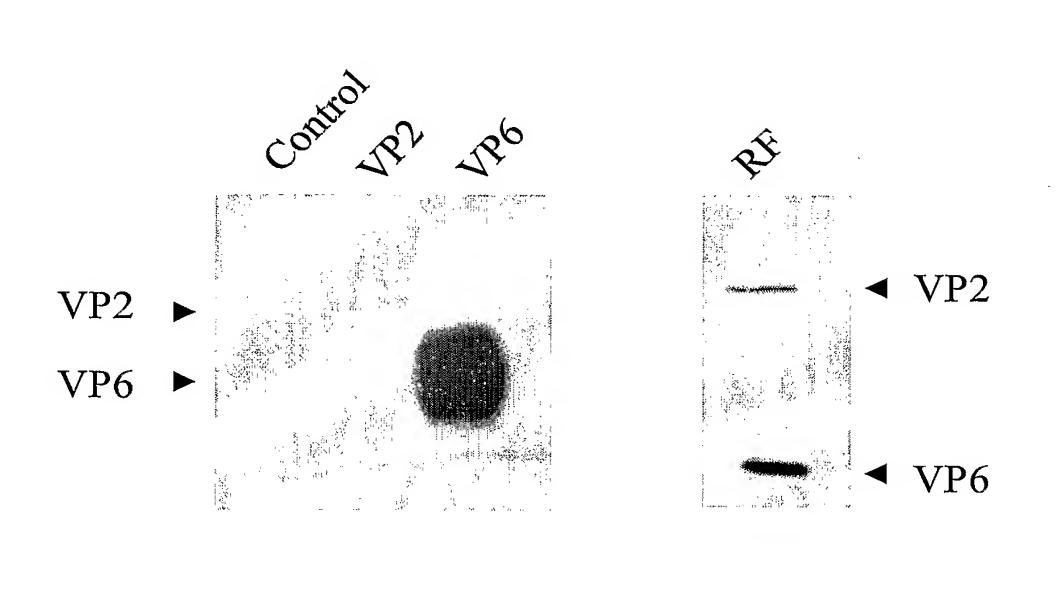


FIGURE 2A FIGURE 2B

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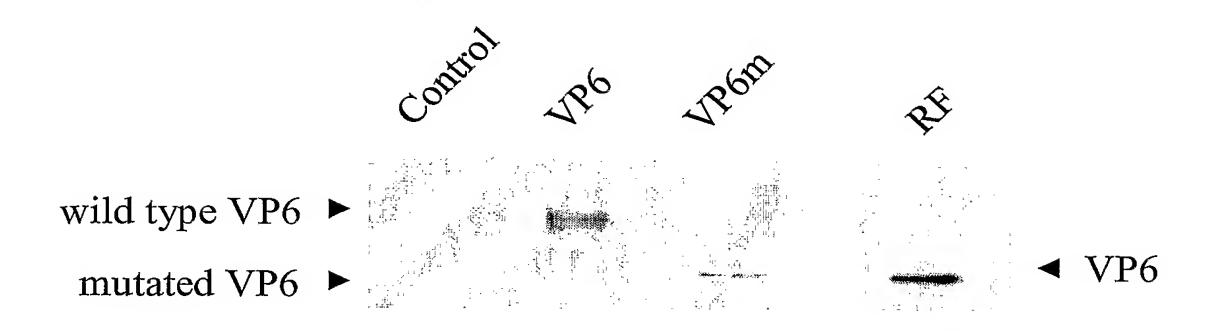
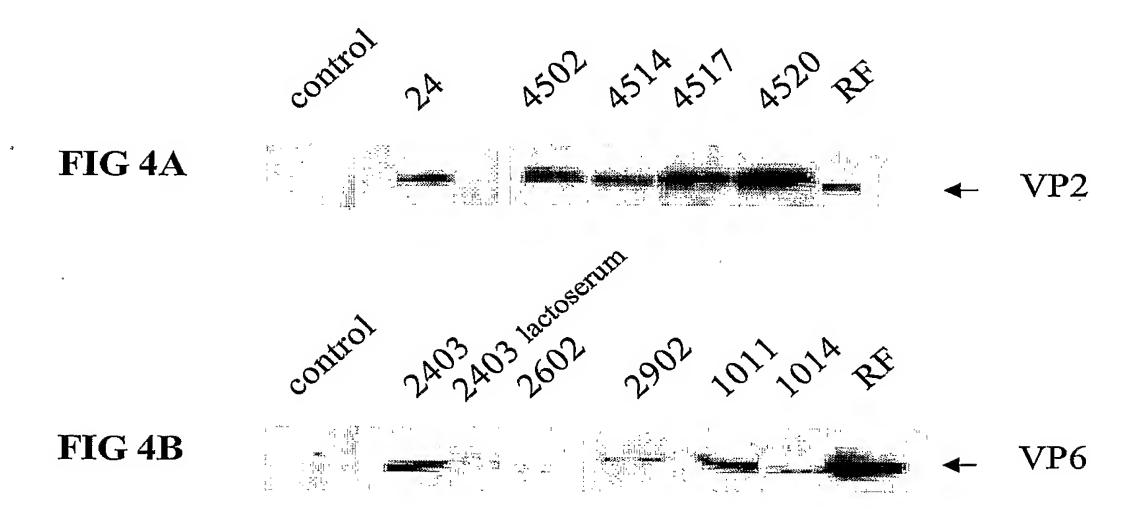
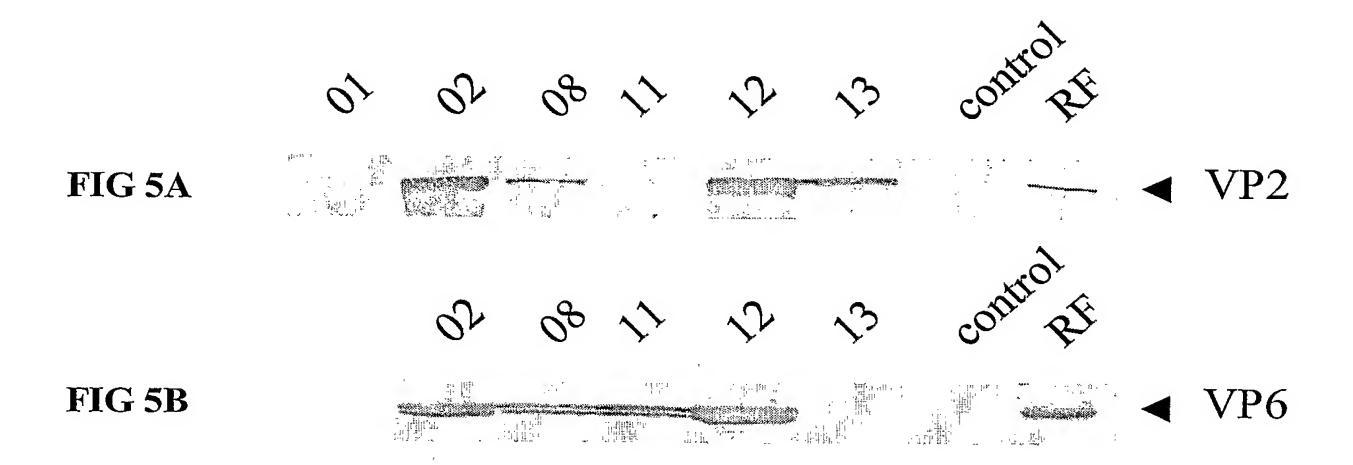
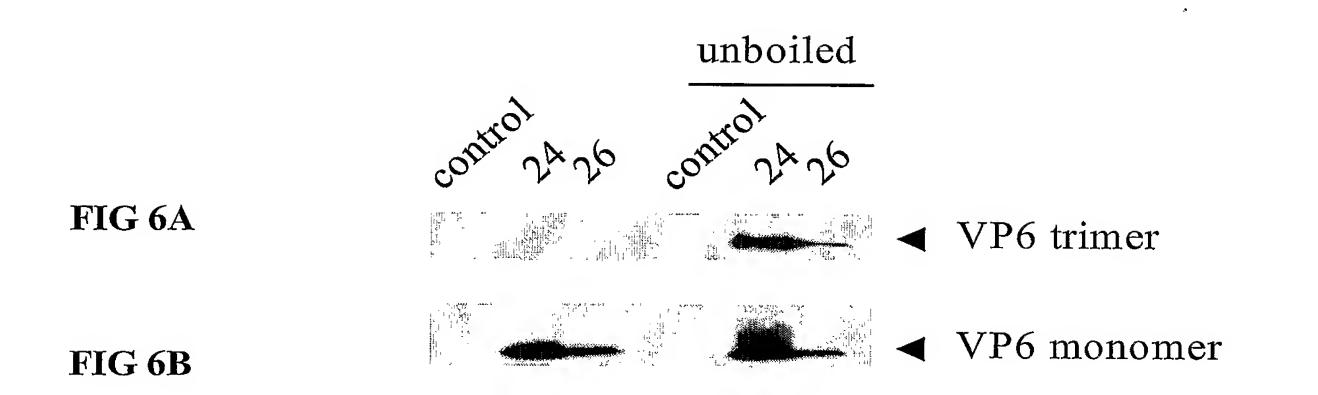


FIGURE 3A FIGURE 3B



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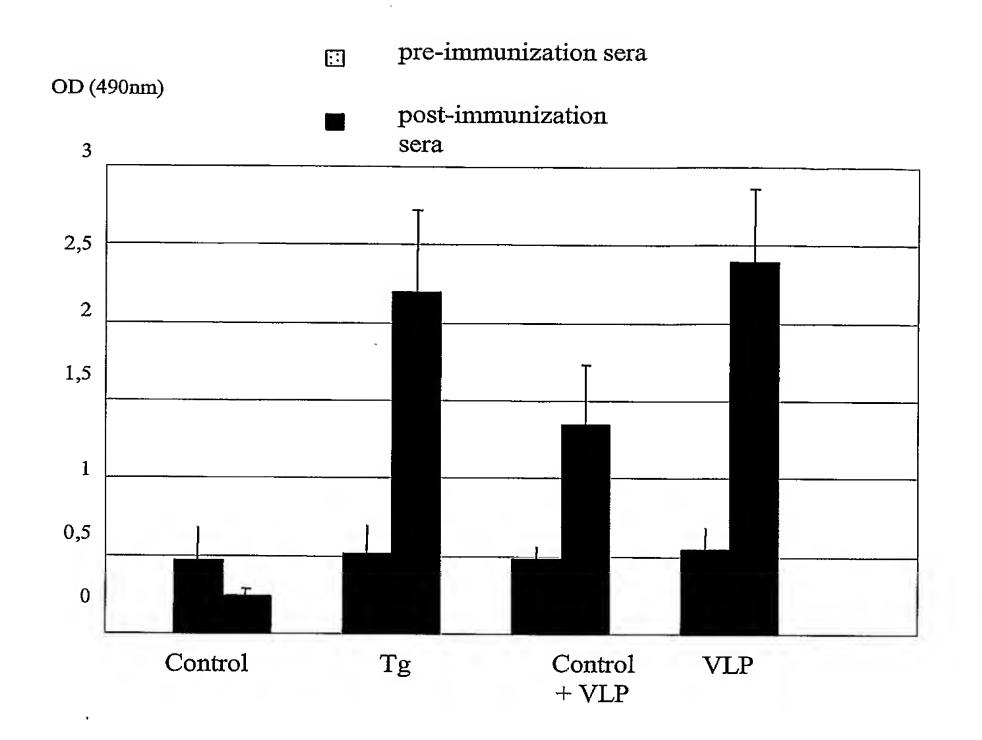
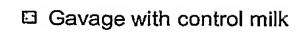


FIGURE 7



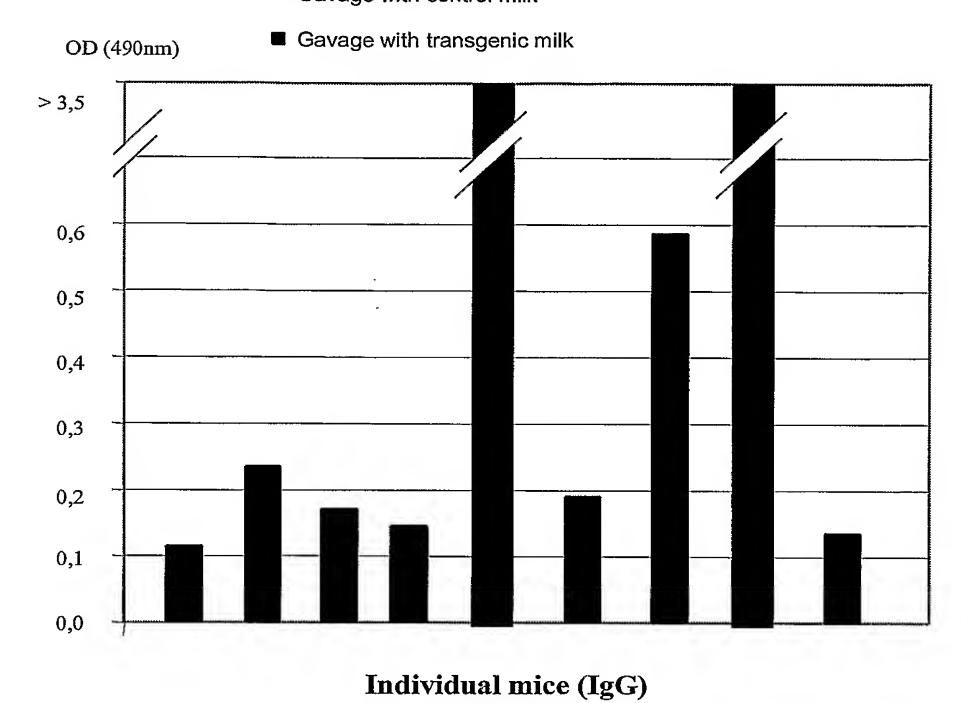


FIG 8A

Gavage with control milk-immuns

Gavage with transgenic milk

OD (490nm)

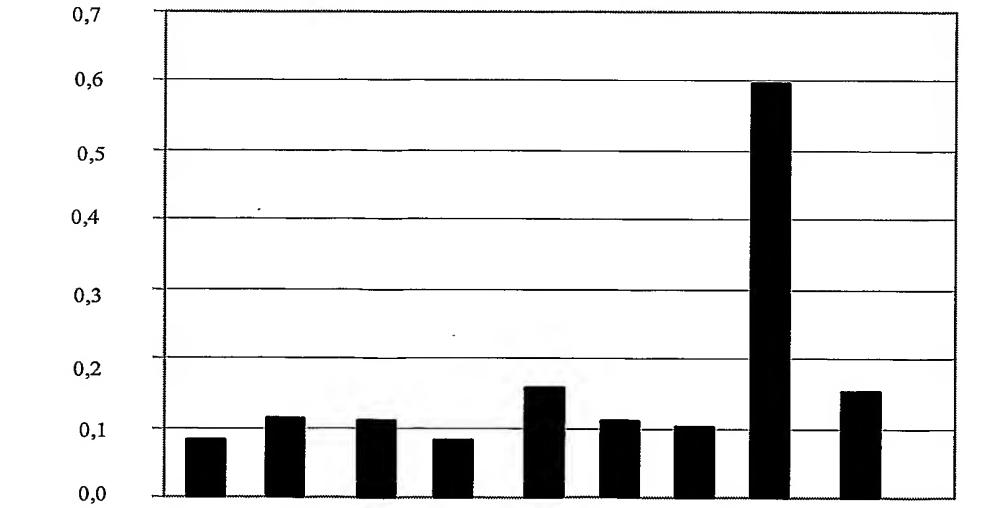


FIG 8B

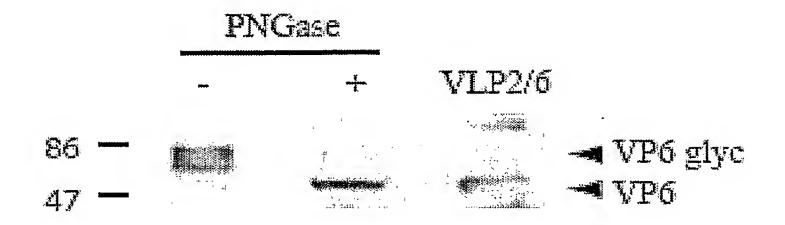


FIGURE 9

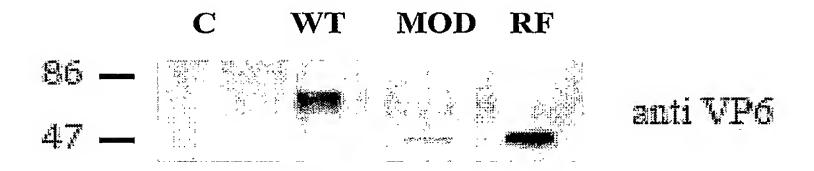


FIGURE 10

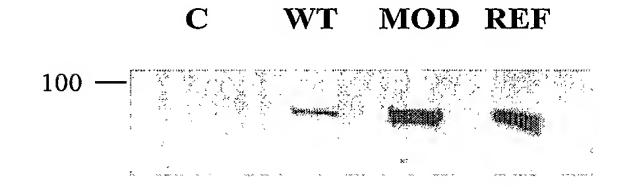


FIGURE 11

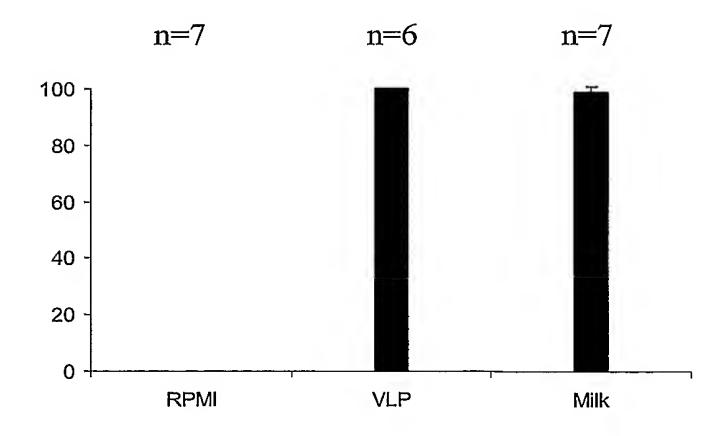


FIGURE 12

serum IgG titers

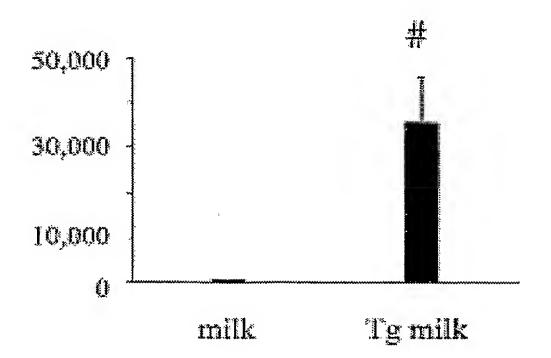


FIGURE 13A

serum IgA titers

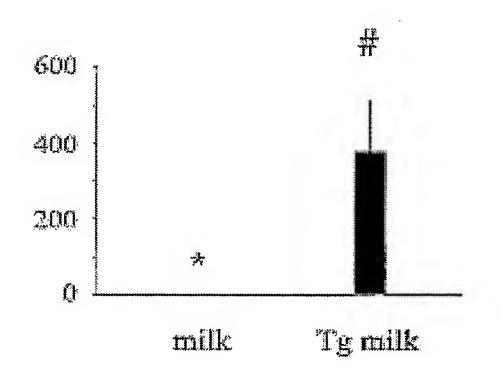


FIGURE 13B

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fecal IgA titers

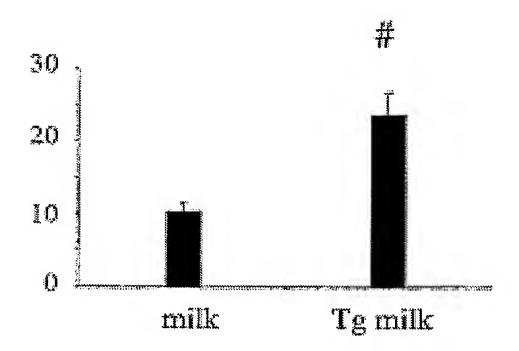


FIGURE 13C

percentage reduction in viral antigen shedding

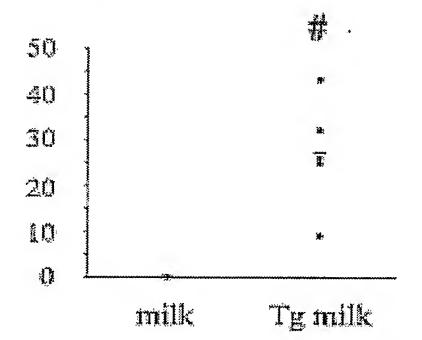


FIGURE 13D